

ADDITIONS TO THE VASCULAR FLORA OF
CARROLL COUNTY, ILLINOIS

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ABSTRACT.—An examination of two unmounted collections of vascular plants from Carroll County, Illinois has yielded 26 new species not previously recorded for the area. This increases the total known vascular flora of Carroll County to 729 species.

The total reported vascular flora of Carroll County, Illinois, consisted of 505 species, according to the data compiled by Jones and Fuller (1955) and Winterringer and Evers (1960), until a study of the Mississippi Palisades State Park was conducted by the author (Wunderlin, 1966).

This study revealed 198 county records, increasing the total known vascular flora to 703 species. After recently examining two unmounted collections, one made by B. J. Verts in August, 1963, and one made by the author in June, 1962, the author discovered 26 unreported species. This increases the total known vascular flora of Carroll County to 729 species. This number is, in the author's opinion, considerably less than what actually occurs there. It is the author's intention to continue collecting in Carroll County to determine more exactly the actual vascular floral composition of the area.

The following list constitutes the 26 species of vascular plants not previously recorded for Carroll County that have been recently discovered by the author. Each species is followed by the collector's name and number. All specimens are deposited in the herbarium at Southern Illinois University, Carbondale.

The order of plant families and the nomenclature is that of Jones (1963).

Berberidaceae Torr. & Gray

Berberis thunbergii DC. Verts 332.

Papaveraceae B. Juss.

Chelidonium majus L. Verts 188

Cruciferae B. Juss.

Nasturtium officinale R. Br. Verts 93.

Malvaceae Necker

Hibiscus trionum L. Verts 81.

Aizoaceae A. Br.

Mollugo verticillata L. Wunderlin 322.

Zygophyllaceae Lindl.

Tribulus terrestris L. Wunderlin 316.

Euphorbiaceae J. St. Hil.

Euphorbia cyparissias L. Verts 234.

Rosaceae Juss.

Agrimonia parviflora Ait. Wunderlin 261.

Leguminosae P. F. Gmel.

Desmodium canescens (L.) DC. Verts 124.

Robinia pseudoacacia L. Wunderlin 302.

Moraceae Lindl.

Maclura pomifera (Raf.) Schneid. Verts 26.

Onagraceae Dumort.

Oenothera strigosa (Rydb.) Mack. & Bush, Wunderlin 308.

Primulaceae Vent.

Lysimachia lanceolata Walt. Wunderlin 262.

Solanaceae Pers.

Solanum rostratum Dunal, Verts 104.

Scrophulariaceae Lindl.

Verbascum blattaria L. Verts 318.

Bignoniaceae Pers.

Catalpa bignonioides Walt. Verts 304.

Compositae P. F. Gmel.

Cirsium arvense (L.) Scop. Verts 87.

Galinsoga ciliata (Raf.) Blake, Verts 115.

Cyperaceae J. St. Hil.

- Cyperus filiculmis* Vahl. Verts 162.
Cyperus ferruginescens Boeck. Verts
 130.
Cyperus schweinitzii Torr. Wunderlin
 350.

Gramineae Juss.

- Avena sativa* L. Verts 42.
Bromus japonicus Thunb. Verts 206.
Bromus kalmii A. Gray, Verts 218.
Miscanthus sacchariflorus (Maxim.)
 Hack. Verts 294.
Setaria faberi Herrm. Verts 10.

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